



HQ-EASYMIX PRO

ELECTRONIC DOSING PUMPS

DOSING SYSTEMS



Art. nr. 140234-20 with electronic pressure sensor

HQ-EASYMIX PRO dosing pumps are suitable for administering liquids and water-soluble powders such as organic acids, vitamins, minerals, vaccinations, deworming, medication, hydrogen peroxides, chlorine products etc.

Due to the control via the water meter, there is a correct dosage from a low flow. HQ-EASYMIX PRO dosing pumps are controlled by a very precise electronics with a wide dosing range from 0.001% to 5%*

The operation is very easy to set up by means of arrows, in steps of 0.001% and 0.01%*. On the digital screen you can read and adjust exactly the set dosage, water consumption is also registered and any timers* set are displayed.

The pumps have little moving parts guaranteeing a long life with a minimum of maintenance. *(Depending on model)

THE UNIQUE POINTS OF THE HQ-EASYMIX PRO DOSING PUMPS

- Wide dosing range from 1 cc/m³ to 2 ltr/100 (art. no. 140233: 10cc/m³ to 5 ltr/100)*
- Accurately adjustable per 0.001% by means of arrow keys
- Afterwards operating level calibration possible when using high viscosity products, extra long suction line etc.
- High flow through water meter per pump at low dosing quantities
- Circulation system for peroxide products to prevent oxygen formation and maintain correct dosage
- Separate readout for daily consumption, water intake and dosage easy to check
- All models have simple operation with 3 buttons
- Dosage setting display in % or in cc/m³

HQ-EASYMIX PRO OPTIONS

- Empty alarm with sound signal and auto pump stop when product is finished
- All models available with all sizes of high flow water meter
- Timer dosing: with this you determine the hours per day when product must be dosed (max 4)
- Timer dose: with dose adjustment % (exclusive in combination with Denuclear OX)
- 140231-32-34 available up to max 2% dosage
- 140233 available up to a maximum of 5% dosage
- Electronic pressure sensor, automatically adjusts the dose to pressure fluctuations and peak consumption for correct dosing in all conditions

PUMP VERSUS PRODUCT	140231	140232	140233	140234
CHLORINE	+	++	+ (1)	--
HYDROGEN PEROXIDE	-	+/-	+ (1)	++
ORGANIC ACIDS	++	++	++	++
VITAMINS AND MINERALS (liquid)	++	++	++	++
ENTINGS	+ (2)	+ (2)	++	+ (2)
POWDERS FOR SOLUTION	+ (3)	+ (3)	++	+ (3)

- (1) Advice to dilute or high dosage with vacancy / no consumption
- (2) Make sure that the starting flow is not too high is inoculation / filling system at the start
- (3) Limited flow at high %





HQ-EASYMIX PRO

TECHNICAL DATASHEET

Art. nr	140231-20 140232-20 140234-20	140231-25 140232-25 140234-25	140231-30 140232-30 140234-30	140231-40 140232-40 140234-40	140231-50 140232-50 140234-50	140233-20	140233-25	140233-30	140233-40	140233-50
Connection in inch	3/4" DN20	1" DN25	1 1/4" DN30	1 1/2" DN40	2" DN50	3/4"DN20	1"DN25	1 1/4" DN30	1 1/2"DN40	2" DN50
Min/max pressure in bar	0,1 - 8	0,1 - 8	0,1 - 8	0,1 - 8	0,1 - 8	0,1 - 5	0,1 - 5	0,1 - 5	0,1 - 5	0,1 - 5
Min/max dosing %	0,001-1%	0,001-1%	0,001-1%	0,001-1%	0,001-1%	0,01-2,5%	0.01-2,5%	0.01-2,5%	0.01-2,5%	0.01-2,5%
Min/max dosing ppm	10-10.000	10-10.000	10-10.000	10-10.000	10-10.000	100-25.000	100-25.000	100-25.000	100-25.000	100-25.000
Adjustable in steps of	0,001%	0,001%	0,001%	0,001%	0,001%	0,01%	0,01%	0,01%	0,01%	0,01%
Hose connection in mm	4x6	4x6	4x6	4x6	4x6	8x12	8x12	8x12	8x12	8x12

MAX LITERS PER HOUR CAPACITY TO CONSUMPTION AT 2 BAR WATER LINE PRESSURE (THROUGH WATER METER)

0.001%	5.000	7.500	12.500	20.000	31.250	5.000	7.500	12.500	20.000	31.250
0.01%	5.000	7.500	12.500	20.000	31.250	5.000	7.500	12.500	20.000	31.250
0.1%	5.000	7.500	8.000	8.000	8.000	5.000	7.500	12.500	20.000	31.250
1%	800	800	800	800	800	5.000	5.500	5.500	5.500	5.500
2%	400	400	400	400	400	2.750	2.750	2.750	2.750	2.750
2.5%	320	320	320	320	320	2.200	2.200	2.200	2.200	2.200
5%						1.100	1.100	1.100	1.100	1.100

MAX LITERS PER HOUR CAPACITY TO CONSUMPTION AT 5 BAR WATER LINE PRESSURE (THROUGH WATER METER)

0.001%	5.000	7.500	12.500	20.000	31.250	5.000	7.500	12.500	20.000	31.250
0.01%	5.000	7.500	12.500	20.000	31.250	5.000	7.500	12.500	20.000	31.250
0.1%	5.000	6.000	6.000	6.000	6.000	5.000	7.500	12.500	20.000	30.000
1%	600	600	600	600	600	3.000	3.000	3.000	3.000	3.000
2% *	300	300	300	300	300	1.500	1.500	1.500	1.500	1.500
2.5%	240	240	240	240	240	1.200	1.200	1.200	1.200	1.200
5% **						600	600	600	600	600

maximum flow due to water meter capacity

maximum flow due to the capacity of dosing pump

* option for item number 140231- 140232 - 140234

** option for item number 140233

CAPACITY HQ-EASYMIX 140231 140232 140234					
	PRESSURE	CC/STROKE	CONNECTION	STROKE/MIN.	CONSUMPTION
3 l/h	12 bar	0,31	4x6	160	14 Watt
4 l/h	10 bar	0,42	4x6	160	14 Watt
5 l/h	8 bar	0,52	4x6	160	14 Watt
8 l/h	2 bar	0,83	4x6	160	14 Watt

CAPACITY HQ-EASYMIX 140233					
	PRESSURE	CC/STROKE	CONNECTION	STROKE/MIN.	CONSUMPTION
30 l/h	5 bar	1,67	8x12	300	40 Watt
40 l/h	4 bar	2,22	8x12	300	40 Watt
55 l/h	2 bar	3,05	8x12	300	40 Watt
110 l/h	0,1 bar	6,11	8x12	300	40 Watt

